



tesa® 61390

Product Information

200µm d/s filmic high performance tape

Product Description

tesa® 61390 is a double sided self-adhesive tape consisting of a transparent PET backing and a tackified acrylic adhesive.

Special features:

- Thickness: 200µm
- Very high bonding strength
- Superior push out resistance
- High shock resistance
- Excellent resistance to demanding environmental conditions

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- Very high bonding strength
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Application Fields

- Lens mounting in mobile phones
- Touch panel mounting

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

| | | | |
|--------------------|-------------------|----------------------|----------------------|
| • Backing | PET film | • Color | transparent |
| • Type of adhesive | tackified acrylic | • Color of liner | white with tesa logo |
| • Type of liner | glassine | • Thickness of liner | 71 µm |
| • Total thickness | 200 µm | | 2.8 mils |
| | 7.9 mils | • Weight of liner | 80 g/m ² |



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Product Information

Properties/Performance Values

| | | | |
|-----------------------------------|-------------|-------------------------------------|------------------|
| • Elongation at break | 50 % | • Static shear resistance at 40°C | good |
| • Tensile strength | 20 N/cm | • Tack | medium |
| | 11.4 lbs/in | • Temperature resistance long term | 100 °C 212 °F |
| • Ageing resistance (UV) | very good | • Temperature resistance short term | 200 °C 392 °F |
| • Humidity resistance | very good | | |
| • Static shear resistance at 23°C | good | | |

Adhesion to Values

| | | | |
|-------------------------|-------------|-------------------------|-------------|
| • ABS (initial) | 10 N/cm | • PC (after 14 days) | 19.5 N/cm |
| | 91.4 oz/in | | 178.2 oz/in |
| • ABS (after 14 days) | 13.3 N/cm | • PMMA (initial) | 14.2 N/cm |
| | 121.5 oz/in | | 129.7 oz/in |
| • Glass (initial) | 14.3 N/cm | • PMMA (after 14 days) | 19.2 N/cm |
| | 130.6 oz/in | | 175.4 oz/in |
| • Glass (after 14 days) | 16.6 N/cm | • Steel (initial) | 14.3 N/cm |
| | 151.7 oz/in | | 130.6 oz/in |
| • PC (initial) | 11.6 N/cm | • Steel (after 14 days) | 17 N/cm |
| | 106 oz/in | | 155.3 oz/in |

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